

Plan 971-239

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# BOW CITY

THE PITTSBURG OF CANADA

HAVING

COAL

NATURAL GAS

IRON ORE

BRICK CLAY

WATER POWER

RICH FARM LANDS

Having \$12,000,000  
spent in irrigation.

HAVING

FINE SCENERY

PUREST AIR

PUREST WATER

ABOUNDING SUNSHINE

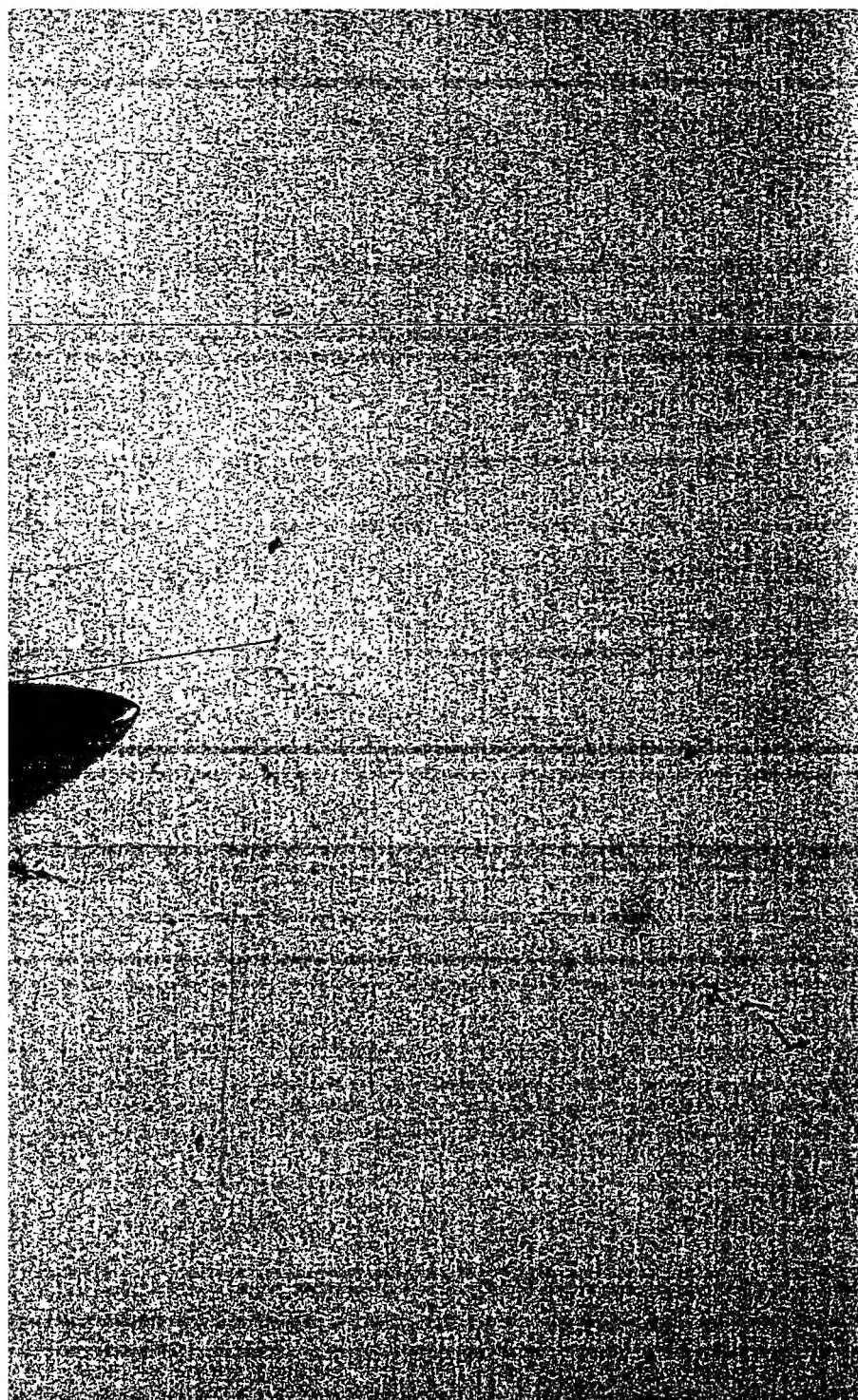
BOATING

FISHING

BATHING

Making a Foundation for Certain  
and Rapid Development.

WHAT WILL ITS FUTURE BE?



¶ To what extent have Western Cities developed in the last ten years?

REGINA SASKATOON

PRINCE ALBERT

BATTLEFORD MOOSE JAW

MEDICINE HAT

CALGARY EDMONTON

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### TEN YEARS AGO

lots could be purchased in any of these cities for \$200.00, that to-day are selling for from \$25,000.00 to \$50,000.00 and values are increasing rapidly.

¶ Thousands of men have made  
A LARGE FORTUNE  
from a  
SMALL INVESTMENT

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### YOU

have the same opportunity at

**BOW CITY.**

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For further particulars, prices and plans, etc.  
call or write

**PRAIRIE COAL COMPANY, LIMITED**

Owners of the Mines and Townsite.

HEAD OFFICES:

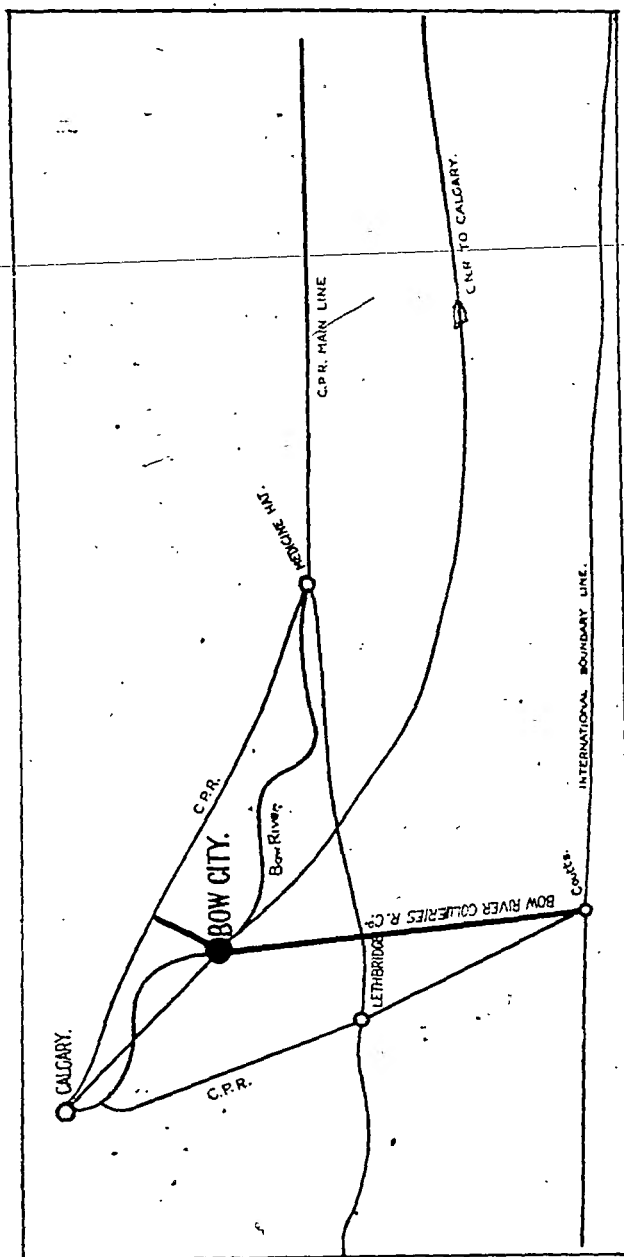
**DARKE BLOCK, REGINA**

C. R. Henderson, Mg. Director

PHONE 1035

68.2.26/8





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# **A Short Catechism**

## **on the Present and Future Position of this Splendid Mineral and Agricultural Proposition.**

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In order that those interested in Bow City may be able, at a glance, to see the enormous possibilities of Bow City, whether for industrial, agricultural, mineral or speculative purposes, we have pleasure in sub-joining the following questions, with clear, straightforward answers to the same:—

### **Where is Bow City?**

Bow City is in the Province of Alberta, situated 2500 feet above the level of the sea, 80 miles from Lethbridge, 85 miles from Medicine Hat, 110 miles East from Calgary, and 23 miles to the south of Brooks Station, on the trunk line of the Canadian Pacific Railway.

### **What is the Climate of Bow City?**

Lying as it is in Township 17, Range 17, and in the very heart of Southern Alberta—reckoned the most equable and invigorating climate of the three Provinces (Alberta, Saskatchewan, and Manitoba) the climate of Bow City is almost ideal and is minus the severity of Saskatchewan and Manitoba. It has a rarified, bracing winter, a warm, genial, and long summer—altogether a most desirable location for farming, industrial and family life.

### **What are the Natural Advantages of Bow City?**

The natural advantages of Bow City are numerous and one can, without exaggeration, state that they are marvellous.

### **What Does the Location of Bow City Resemble?**

The location of Bow City resembles, for the benefit of those who are so placed that they cannot travel to it, Saskatoon for its River amenities, Lethbridge for its coal, Medicine Hat for its natural gas, Prince Albert for its clay, Regina for the richness of its soil (without the stickiness of the mud of that city) and Central British Columbia for its fruit producing possibilities, while as a farming centre it is beyond all cavil a magnificent asset.

### **What is the Townsite of Bow City Like?**

The Townsite of Bow City is not unlike a long, square piece of flat prairie banked to the north by an easy decline of 115 feet to the beautiful Bow River. It is, therefore, naturally high, excellently marked out by nature for perfect drainage, and so dry indeed that the farming community rely upon irrigation ditches at times to supply the water for making their farms successes. Of water there is a superabundance.

### **How is the Coal of Bow City for Domestic Purposes?**

The coal found and mined at Bow City is the finest of its kind in the Dominion of Canada.

### **What Does Expert Opinion Say About the Coal?**

Expert opinion on the coal at Bow City gives an unqualified endorsement as to its quality, its accessibility, and profit-making capacity.

## **Who is the Expert?**

The Expert who has staked his reputation upon his report is Llewellyn Davies, Cardiff, Wales, Great Britain. Mr. Davies is the recognised authority upon such mineral locations as Bow City, and has often been employed by the British and other Governments in official mineral investigations.

## **What Does the Expert Say About Bow City?**

That all who are interested in Bow City may have the fullest possible information from an expert of the highest order, there is herewith appended to this pamphlet Mr. Davies' exact description of Bow City.

## **Are There Any Other Minerals Beside Coal at Bow City?**

Yes; there are many other minerals beside coal at Bow City, with the by-products that belong to each.

## **Name One Other Mineral Beside Coal?**

Natural Gas. Several pockets of natural gas are known to be in the bowels of Bow City, and, as experiments are now cheap, it is expected that as soon as the work of organization is complete, attention will be drawn to this spring of wealth. At present the Company are proceeding along the safe line of developing one part of Bow City at a time.

## **And Besides Natural Gas, What Next?**

Besides Coal and Natural Gas, Bow City is enriched with Iron Ore, suitable for the manufacture of valuable iron, so that Bow City is destined to become a centre for smelting, rolling, and other departments in their general industry. It is all a question of time. The material, like unto a gold mine, is at Bow City.

### **Is There Clay at Bow City?**

The banks of the Bow River, where Bow City is located, is thick with this most essential desiderata for the construction of a city. One can travel along the banks of the river for miles and behold the fine creamy appearance of the clay and imagine what it will produce to the thousands and tens of thousands who will locate there and make it their home for all time.

### **What is the Quality of the Water at Bow City?**

The quality of the water at Bow City is beyond all praise. To many of the inhabitants and the homesteader in the district the water is the chief attraction. It is on account of this invaluable adjunct that the cattle in the vicinity of Bow City are so far-famed. It is difficult for any one who gets accustomed to the water of Bow City to accept any other when they travel away on business from it.

### **What is the Social Life of Bow City?**

The social life of Bow City is, of course, what one makes it, but as the farmers surrounding Bow City have lived under the rough conditions of the pioneer it follows that the social life of Bow City is marked by great hospitality and patriotism. A fine bunch of people have staked their all in Bow City and are proud of the developments that have been begun?

### **Does the Railway Company Possess a Charter?**

Yes, the Company possess a Charter and under it the construction work of the Railway from the main line of the C.P.R. to Bow City is now going on.



## **What Do the People of Bow City Think of Bow City?**

That there is only one place in Canada and that place is Bow City. They have bought up lots in Bow City, they have settled to live there, and at this moment many of the people are arranging to open various businesses as soon as the conditions are favorable to doing so.

## **Will Bow City be Connected With the Main Line by a Railroad?**

Bow City will in a few months be connected with the main line going East and West. This line will travel through a veritable land of Goschen, and tap considerable wealth, which must find its way into Bow City for circulation. All the traffic will be hauled by this line. It will bridge the Bow River, have its terminus in the heart of the City, and therefore be close to the mines and within a few blocks of the extreme limits of the present location.

## **Is There Any Business Done at Bow City at Present?**

There is considerable business done at Bow City and every week it is expanding. There is a big trading store, post office, several agencies and other facilities for taking hold of the present opportunity.

## **What Are the Land Values of Bow City?**

The land values of Bow City are at present remarkable. The prices have been fixed far below what the Company, in view of their remarkable asset, were entitled to place on the market. But as their object has been to give those who came first, and those who are on the spot an opportunity of seizing the chance

of making money by purchasing now, their figure has been fixed accordingly. The prices of lots at Bow City are extremely cheap, although it is but right to state that they cannot remain at their present quotation. Development means enhanced values, and enhanced values mean bigger prices and bigger profits to those who buy now.

### **Is the Present Time the most Favorable for Purchasing an Interest in Bow City?**

The present is the only time, so to speak, for buying lots at Bow City. The rush for sites is great and will be greater.

## **ENGINEER'S REPORT ON THE COAL AREAS OF THE BOW CENTRE COLLIERIES, LIMITED, ALBERTA, CANADA.**

To the Directors,  
Bow Centre Collieries, Limited.

Gentlemen,—Have made examination of the Coal Areas owned by the Bow Centre Collieries, Ltd., situated in Township 17, Range 17, and beg leave to report as follows:—Cropping out along the river bank there are four seams of coal ranging in thickness from two feet 6 inches to five feet; these coal seams lie almost level, dipping slightly to the west.

This property consists of 5,306 acres coal land held in fee simple.

### **COAL SEAMS**

From examination of the coal seams at the stripping on the river bank, would judge that there are at least two workable seams.

Nearly all of the prospecting work has been done on the five-foot seam; in this seam at a point on the river bank near the centre of Section 9, a

tunnel about 10 feet wide has been driven in a distance of about 350 feet; an examination of the face of this tunnel shows over 5 feet 3 inches of clean coal overlaid with a hard slate and sand rock making ideal mining conditions.

### QUALITY OF COAL

This coal is of a semi-bituminous nature, clean and bright, and will rank as a high class domestic coal. It is also suitable for stationary steam purposes.

It is my opinion that this coal is very much superior to the domestic coals now being mined in the west.

### MINING CONDITIONS

The roof over this 5-foot seam is strong and easily timbered, making it possible to mine a maximum amount of coal with a minimum timber expense.

### COST OF PRODUCTION AND SELLING PRICE

Owing to the nature of the roof and the height of coal seam, I believe that this coal can be produced with very much less expense than the coals now being mined in the west, so that it will be possible to meet any competition on the market.

With an output of 1,000 tons per day and the use of electricity for cutting and hauling, this coal can be produced at an approximate cost of \$1.15 per ton f.o.b. cars. The average market price for this coal is from \$3.25 to \$3.50 f.o.b. mines.

### MARKETS

The market for this coal is found west as far as Spokane, Washington, east as far as Winnipeg, and at intermediate points.

The increasing population and industrial activity in Canada demands each year a larger amount of fuel, and owing to the scarcity of wood in the settled parts of the west, the supplying of coal is a question of great importance.

The consumption of coal per capita has been doubled in the last ten years, and will undoubtedly continue to increase.

Respectfully submitted,

J. O. HANNAH, M.E.

Formerly with Dominion Coal Co, Cape Breton, N.S.; last Dist. Supt. Mines O'Gara Coal Co., Chicago, Ill., U.S.A.

Calgary, Alta., Sept. 6th, 1910.

### ANALYSIS OF COAL

From property of the Prairie Coal Company, Limited, at Bow City, Alta. By the Milton Hersey Company.

Moisture.....	12.25%
Volatile, Combustible Matter.....	35.80
Fixed Carbon.....	47.05
Ash.....	4.90
Sulphur.....	.57
Volatile Matter.....	(48.05%)
Coke.....	(51.95%)

The fire clay deposit owned by the company is an asset worthy of a volume in itself. Suffice it here to say that the leading authority of Canada on this subject has given as his opinion, after a disinterested inspection of the property, that the clay deposit, when developed, would prove a more valuable asset to the company than its coal.

I hereby certify that I have analysed sample of clay received from you labelled Fire Clay from under the coal seam, and I find the following results:

Silica.....	68.20%
Alumina.....	9.45
Oxide of Iron.....	3.30
Lime.....	.65
Magnesia.....	66
Alkalies.....	1.14
Water (dried at 212 F.).....	6.80
Combined Water, Organic Matter.....	9.80
	<u>100.00%</u>

The clay contains a high percentage of Silica and is of a refractory nature.

The large per cent of iron in the clay would make bricks burn to a bright red color and would also cause them to melt or fuse at high temperature, such as regenerative furnaces. This tendency to fuse would also be increased by the small percentage of lime, magnesia and alkalies present.

Taking into consideration the nature and composition of the above clay I am of the opinion that it would be very suitable for fire bricks and fire goods except those used in places where the temperature is very high.

(Signed) LLEWELLYN J. DAVIES.

Many people believe the rich iron ore to be our most valuable asset.

Eventually it will mean smelters, rolling mills, and many foundries and machine shops.

The Coal and Gas in conjunction for smelting are especially favorable.

## REPORTS OF L. J. DAVIES

I hereby certify that I have analysed sample of Iron Ore received from you, labelled Bow Mine, Alberta, Canada, and I find the following results:

Iron.....	40.04
Silica.....	18.02
Phosphorous.....	.202

### Roasted Ore

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Iron.....	55.92%
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The above results show that this sample contains a large percentage of iron.

(Signed) LLEWELLYN J. DAVIES,  
Cardiff, Wales,  
Dec. 18, 1907.

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The average price of coal at the mouth of the Mine is \$3.50 per ton, an output of 1000 tons per day 300 days per year. Would be an income of:

Per Day.....	\$ 3,250.00
Per Month.....	81,250.00
Per Year.....	975,000.00

**A large portion of this amount will be paid for wages and will be spent in the town.**

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With proper publicity we should be as great a manufacturing centre as any other Western City.

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We are pledged to spend a percentage of our revenue from the Townsite for the securing of industries in order to increase the value of our holdings and at the same time make a large profit for those who purchase lots or locate in the town.

We are in the heart of the irrigation district where there is being spent some \$12,000,000 in irrigation systems; the C.P.R. have moved half as much earth in constructing their irrigation ditches and canals as the United States have in the construction of the Panama Canal. Remember that one quarter under irrigation will give to a town as much support as a whole section without.

We have a very wide territory and the market for the small produce of the farmer to feed the miners will be the means of a large business for our merchants.

We expect to have the first excursion to the Townsite and mines over Bow River Collieries Railway on July 1, 1913.

The Canadian Northern Railway and the Canadian Pacific Railway are expected to build to Bow City in the near future.

The mines are under contract with the Bow River Collieries Railway to ship over their line at least 200,000 tons of coal yearly for 20 years.

## **TEN YEARS AGO**

The future of Western Canada was in doubt.

## **TEN YEARS AGO**

Manufacturers could not be induced to come West.

In spite of these conditions the **growth** of Western Towns has been unprecedented in the world's history.

## **TODAY**

The future of Western Canada is conceded by all.

## **TODAY**

Manufacturing industries in large numbers are locating in the West and the others must follow.

We have greater inducements to offer those industries than any other Western city.

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We are in the centre of the Coal and Gas area which within a generation will be the **MANUFACTURING HEART OF CANADA.**

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Why should our development not equal or exceed that of any other Western City?

**IT WILL**

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"OPPORTUNITY knocks once at every man's door"

**THIS IS YOURS**

For further particulars, prices and plans. etc.,

call or write

**PRAIRIE COAL COMPANY, LIMITED**

Owners of the Townsite and Mines

HEAD OFFICE:

**DARKE BLOCK, REGINA**

Mg. Director, C. R. Henderson

PHONE 1035



# **GRASP**

## **THESE**

### **FACTS ABOUT BOW CITY.**

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#### **THE CONCLUSION OF THE MATTER**

Bow City is Growing  
Bow City is Growing in Popularity  
Bow City is Growing in Potentiality  
Bow City is Growing in Value  
Bow City is Growing in Attraction  
Bow City is Growing in Wealth  
Bow City is Growing in Worth

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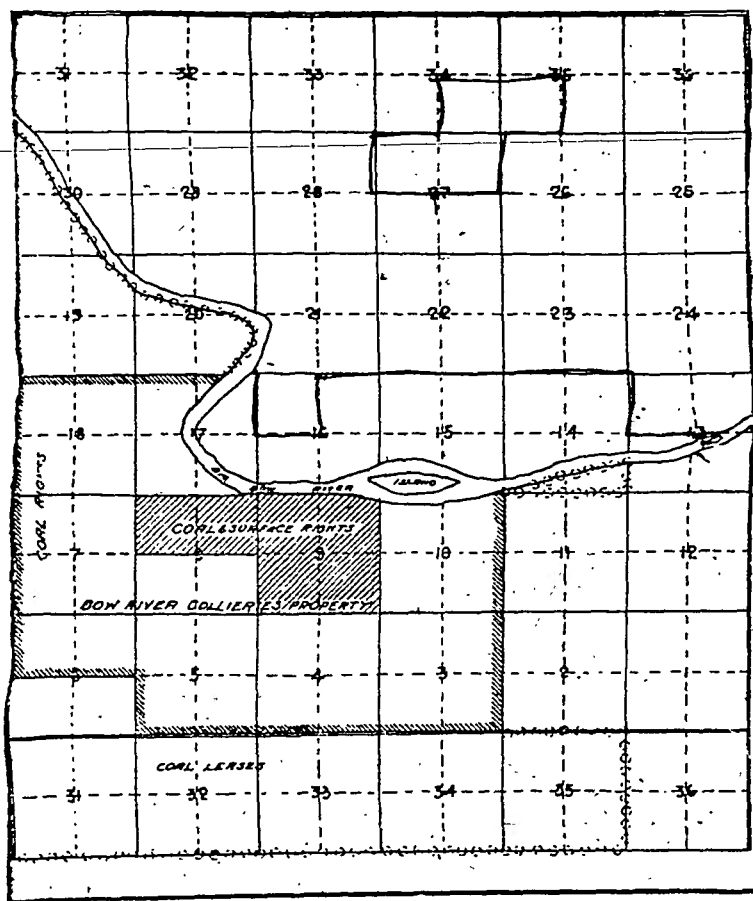
#### **THE WHY AND WHEREFORE OF IT ALL IS—BECAUSE WE HAVE**

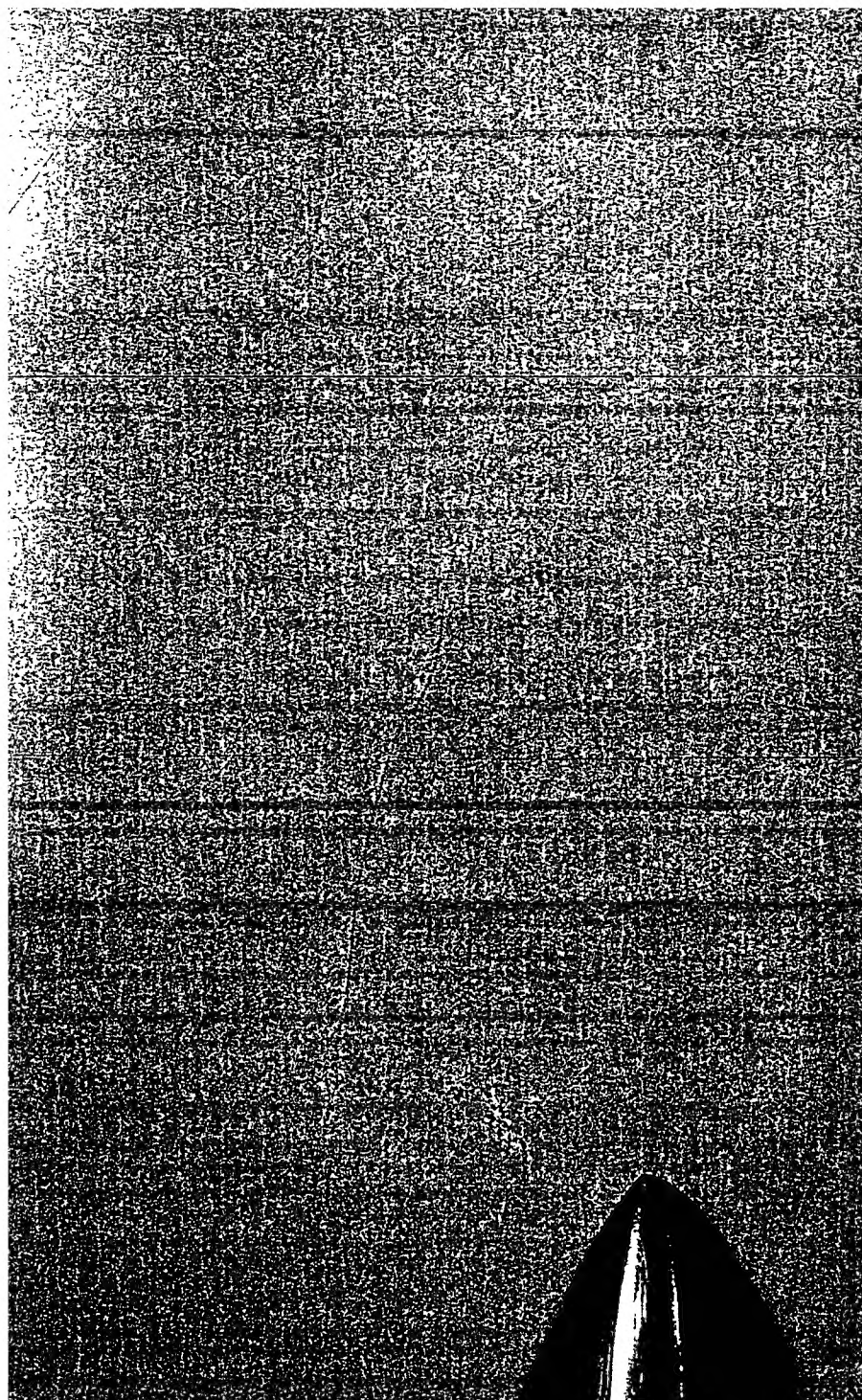
Natural Gas  
Coal Mines, with millions of tons of coal  
Iron Assaying 56.92%  
Fire Brickclay  
Brickclay  
Water Power  
A PERFECT TOWNSITE.  
All within one mile

IN THE CENTRE OF IRRIGATION  
SYSTEMS COSTING \$12,000,000, WITH  
60 TOWNSHIPS OF WHEAT LANDS  
TRIBUTARY TO BOW CITY.

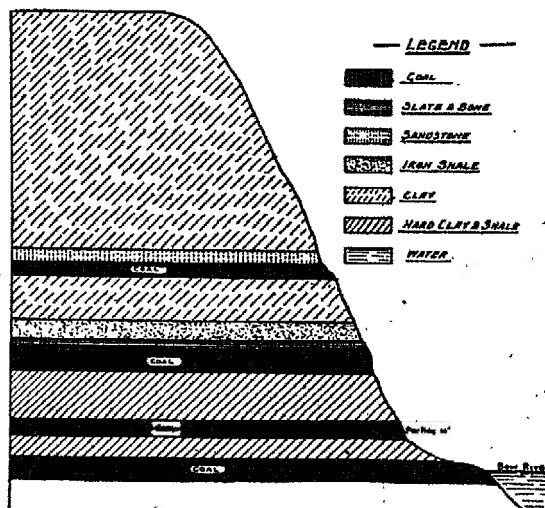
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NO CITY IN THE WORLD HAS GREATER  
NATURAL RESOURCES





— CROSS SECTION OF STRATA —  
 — SHOWING COAL EXPOSURES —  
 — on Property of —  
 — BOW RIVER COLLIERIES LTD. —  
 — TWP 17 — R 17 — N of 4<sup>th</sup> PM —  
 — Scale = 20' = 1" = 1' —



LOG OF THE FACE OF RIVERBANK

Drawing made by J. O. Hannab, M.E., showing the seams of coal.  
 The second seam of coal from the top is considered to be the main seam.  
 It is over five feet wide. Send for his report.